AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (currently amended) A reconfigurable pallet <u>for an assembly line</u> that supports a structure, comprising:

a pallet base;

at least one track formed in said pallet base;

a plurality of <u>load-bearing</u> modular stanchions that are supported on said pallet base and slidably engage said at least one track to selectively position said modular stanchions along x and y axes relative to a top surface of said pallet base, said modular stanchions each including a support element that has a height along a z axis that is transverse to said x and y axes, said support element supporting said structure being configured to support an engine or a vehicle component on the assembly line.

- 2. (original) The reconfigurable pallet of claim 1 wherein said x and y axes are parallel to a top surface of said pallet base and said z axis is perpendicular to said x and y axes.
- 3. (original) The reconfigurable pallet of claim 1 wherein said support element is movable along said z axis to adjust said height.

- 4. (original) The reconfigurable pallet of claim 3 wherein each of said modular stanchions further comprises a support cylinder that is selectively actuated to move said support element to a position along said z axis.
- 5. (original) The reconfigurable pallet of claim 4 further comprising a hydraulic pump in fluid communication with said support cylinder and operable to adjust a hydraulic pressure within said support cylinder to move said support element along said z axis.
- 6. (original) The reconfigurable pallet of claim 1 wherein each of said modular stanchions further comprises a stanchion base that supports said support element.
- 7. (original) The reconfigurable pallet of claim 6 wherein said pallet base further includes a screw-drive that engages said stanchion base wherein rotation of said screw-drive induces linear motion of said modular stanchion along said track.
- 8. (original) The reconfigurable pallet of claim 1 wherein said at least one track extends from a center point of said pallet base.
- 9. (original) The reconfigurable pallet of claim 8 wherein said pallet base further includes a rotatable member that is rotatable about said center point and that supports said at least one track.

10. (currently amended) A pallet <u>for an assembly line</u> that is configurable to support first structure and reconfigurable to support a second structure, comprising:

a pallet base;

at least one track formed in said pallet base; and

a plurality of <u>load-bearing</u> modular stanchions that slidably engage said at least one track to selectively move along x and y axes relative to a top surface of said base, said modular stanchions each including a support element <u>configured to support an engine or a vehicle component</u> that [[is]] has a height defined along a z axis transverse to said x and y axes, said support element having a first position to support said first structure and having a second position to support said second structure.

- 11. (original) The pallet of claim 10 wherein said support element is movable along said z axis to adjust said height.
- 12. (original) The pallet of claim 10 wherein each of said modular stanchions further comprises a support cylinder that is selectively actuated to move said support element to a position along said z axis.
- 13. (original) The pallet of claim 12 further comprising a hydraulic pump in fluid communication with said support cylinder and operable to adjust a hydraulic pressure within said support cylinder to move said support element along said z axis.

- 14. (original) The pallet of claim 10 wherein each of said modular stanchions further comprises a stanchion base that supports said support element.
- 15. (original) The pallet of claim 14 wherein said pallet base further includes a screw-drive that engages said stanchion base wherein rotation of said screw-drive induces linear motion of one of said modular stanchions.
- 16. (original) The pallet of claim 10 wherein said track extends from a center point of said pallet base and that engages said stanchion base for movement of said stanchion base across said x and y axes.
- 17. (original) The pallet of claim 16 wherein said pallet base further includes a rotatable member that is rotatable about said center point and that supports said track.
- 18. (currently amended) A reconfigurable pallet <u>for an assembly line</u> that is configurable to support multiple structures, comprising:
 - a pallet base;
 - at least one track formed in said pallet base; and
 - a <u>load-bearing</u> modular stanchion that comprises:

a stanchion base that is slidably supported on said at least one track and that is movable along x and y axes relative to a top surface of said pallet base; and

a support element <u>configured to support an engine or a vehicle component</u> that is supported on said stanchion base and that has a height transverse to said x and

y axes along a z axis, said support element having a first position to support a first structure and a second position to support second structure.

- 19. (original) The reconfigurable pallet of claim 18 wherein said support element is movable along said z axis to adjust said height.
- 20. (original) The reconfigurable pallet of claim 19 wherein said modular stanchion further comprises a support cylinder that is selectively actuated to move said support element to a position along said z axis.
- 21. (original) The reconfigurable pallet of claim 20 further comprising a hydraulic pump in fluid communication with said support cylinder and operable to adjust a hydraulic pressure within said support cylinder to move said support element along said z axis.
- 22. (original) The reconfigurable pallet of claim 18 wherein said base further includes a screw-drive that engages said stanchion base wherein rotation of said screw-drive induces linear motion of said modular stanchion along said track.
- 23. (original) The reconfigurable pallet of claim 18 wherein said track extends from a center point of said pallet base and that engages said stanchion base for movement of said stanchion base across said x and y axes.

- 24. (original) The reconfigurable pallet of claim 23 wherein said pallet base further includes a rotatable member that is rotatable about said center point and that supports said track.
- (currently amended) An assembly line for assembling a product, comprising:
 a plurality of operation stages; and
- a pallet that supports a base structure of said product and carries said base structure between said operating stages, comprising:

a pallet base;

at least one track formed in said pallet base;

a stanchion base that is supported on said pallet base and that is movable along x and y axes relative to a top surface of said pallet base; and

- a <u>load-bearing</u> support element <u>configured to support an engine or a</u> <u>vehicle component</u> that is supported on said stanchion base and that has a height transverse to said x and y axes along a z axis, said support element having a first position to support said base structure.
- 26. (original) The assembly line of claim 25 wherein said support element is movable along said z axis to adjust said height.
- 27. (original) The assembly line of claim 26 wherein said pallet further comprises a support cylinder that is supported by said stanchion base and that is selectively actuated to move said support element to a position along said z axis.

- 28. (original) The assembly line of claim 27 further comprising a hydraulic pump in fluid communication with said support cylinder and operable to adjust a hydraulic pressure within said support cylinder to move said support element along said z axis.
- 29. (original) The assembly line of claim 25 wherein said pallet base further includes a screw-drive that engages said stanchion base wherein rotation of said screw-drive induces linear motion of said modular stanchion along said track.
- 30. (original) The assembly line of claim 25 wherein said track extends from a center point of said pallet base and that engages said stanchion base for movement said stanchion base across said x and y axes.
- 31. (original) The assembly line of claim 30 wherein said pallet base further includes a rotatable member that is rotatable about said center point and that supports said track.